



**Aqua Solutions, Inc.**  
**6913 Highway 225**  
**Deer Park, TX, 77536**  
**281/479-2569**  
**Certificate of Analysis / QC Results**  
**Customer PO # :**

<b>Packaged Product:</b> ERL125F			
SILVER NITRATE 0.1 NORMAL IN ISOPROPANOL			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
Sample ID			
Tested 01/04/24			
Tester SHAR			
Recorded 01/04/24			
<b>SAMPLE COLLECTION &amp; HANDLING PER LAB040</b>	YES		YES
Sample ID			
Tested 01/04/24			
Tester SHAR			
Recorded 01/04/24			
<b>DATE OF SAMPLING FOR TEST PURPOSES</b>	MM/DD/YYYY		01/04/2024
Sample ID			
Tested 01/04/24			
Tester SHAR			
Recorded 01/04/24			
<b>AMBIENT TEMPERATURE DURING SAMPLING DEGC</b>	25.0	10.0 - 35.0	21.0
Sample ID			
Tested 01/04/24			
Tester SHAR			
Recorded 01/04/24			
<b>DATE OF TESTING OF SAMPLE</b>	MM/DD/YYYY		01/04/2024
Sample ID			
Tested 01/04/24			
Tester SHAR			
Recorded 01/04/24			
<b>AMBIENT TEST TEMPERATURE DEGC</b>	20.0	15.0 - 30.0	21.0
Sample ID			
Tested 01/04/24			
Tester SHAR			
Recorded 01/04/24			
<b>Actual Normality</b>	0.1000	0.0995 - 0.1005	0.1016
	EQ/L		
Sample ID			
Tested 01/04/24			
Tester SHAR			
Recorded 01/04/24			
<b>QCSP53: SILVER NITRATE STD ON AUTO-TITRA</b>	YES		YES
	METHOD		
Sample ID			
Tested 01/04/24			
Tester SHAR			
Recorded 01/04/24			



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<b>N.I.S.T. Traceable to SRM 919 NaCl</b>	YES		YES
	YES		
Sample ID			
Tested	01/04/24		
Tester	SHAR		
Recorded	01/04/24		
<b>PREPARED TO ASTM D3227</b>	YES		YES
	YES		
Sample ID			
Tested	01/04/24		
Tester	SHAR		
Recorded	01/04/24		
<b>Actual Density</b>	0.82606	0.82377 - 0.82832	0.82773
	GM/ML		
Sample ID			
Tested	01/04/24		
Tester	SHAR		
Recorded	01/04/24		
<b>APPEARANCE AND COLOR</b>	CLEAR LIQUID		PASS
	APPEARANCE		
Sample ID			
Tested	01/04/24		
Tester	SHAR		
Recorded	01/04/24		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M55,P216,TID41124
Sample ID			
Tested	01/04/24		
Tester	SHAR		
Recorded	01/04/24		
<b>LOT NUMBER OF ORIGINAL MATERIAL</b>	LOT #		2041813
Sample ID			
Tested	01/04/24		
Tester	SHAR		
Recorded	01/04/24		
<b>EXPIRATION DATE</b>	MM/DD/YY		01/16/24
	MM/DD/YYYY		
Sample ID			
Tested	01/04/24		
Tester	SHAR		
Recorded	01/04/24		
<b>SHELF LIFE OF PRODUCT</b>	1 WEEK		1 WEEK
	TIME		
Sample ID			
Tested	01/04/24		
Tester	SHAR		
Recorded	01/04/24		

**Lot #** 4010208  
**Made** 01/04/24



Aqua Solutions, Inc.  
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Date: 01/04/24 at 11:23 AM

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This is to certify that the product listed above has been prepared according to the agreed upon formulation. The solutions producer has a Quality Management System which governs each step of the manufacturing process to insure the production of a consistent product. Traceability from the producer's lot numbers to the original manufacturer's lot number is maintained. Certificates of Analysis for the raw materials used to prepare this product are available upon request.

The weights and/or volumes used to prepare this product are N.I.S.T. Traceable. All balances used in the preparation of product are calibrated daily against N.I.S.T. Traceable weights. The balances are maintained and serviced on a regular basis by an outside certified company. All volumetric glassware used is N.I.S.T. Traceable and certified as meeting Class A specifications.

Unless otherwise agreed to, all chemicals used in the preparation of this product are Reagent ACS grade.

**Quality Manager**